

Message

From: Ross, Mary [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=98359CD1F66F46EC91D327E99A3C6909-ROSS, MARY]
Sent: 2/29/2016 2:16:58 PM
To: ORD-NCEA [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9fd27be854b0475e8c7da44e626886aa-ORD-NCEA]
Subject: FW: ORD/OSA Weekly Report

FYI -

From: Blackburn, Elizabeth
Sent: Sunday, February 28, 2016 12:24 PM
To: ORD-Exec-Council-Directors <Execcouncildirectors@usepa.onmicrosoft.com>; ORD-Mgmt-Council <ORDMgmtCouncil@epa.gov>
Cc: ORD-IOAA-Front Office Support <ORDIOAASUPPORT@epa.gov>
Subject: Fwd: ORD/OSA Weekly Report

Dear all,

Please see Tom's note below to the Administrator.

Liz

Liz Blackburn
Chief of Staff
EPA Office of Research and Development
202-564-2192
Cell Personal Matters / Ex. 6

Sent from my iPhone

Begin forwarded message:

From: "Burke, Thomas" <Burke.Thomas@epa.gov>
Date: February 28, 2016 at 12:03:27 PM EST
To: "Adm13McCarthy, Gina" <Adm13McCarthy.Gina@epa.gov>, "Meiburg, Stan" <Meiburg.Stan@epa.gov>, "Fritz, Matthew" <Fritz.Matthew@epa.gov>, "Purchia, Liz" <Purchia.Liz@epa.gov>, "Beauvais, Joel" <Beauvais.Joel@epa.gov>, "Distefano, Nichole" <DiStefano.Nichole@epa.gov>, "Jones, Jim" <Jones.Jim@epa.gov>, "McCabe, Janet" <McCabe.Janet@epa.gov>, "Rupp, Mark" <Rupp.Mark@epa.gov>, "Pieh, Luseni" <Pieh.Luseni@epa.gov>, "Garbow, Avi" <Garbow.Avi@epa.gov>, "Vaught, Laura" <Vaught.Laura@epa.gov>, "Garvin, Shawn" <garvin.shawn@epa.gov>, "Scaggs, Ben" <Scaggs.Ben@epa.gov>
Cc: "Kavlock, Robert" <Kavlock.Robert@epa.gov>, "Kadeli, Lek" <Kadeli.Lek@epa.gov>, "Blackburn, Elizabeth" <Blackburn.Elizabeth@epa.gov>, "Robbins, Chris" <Robbins.Chris@epa.gov>, "Deener, Kathleen" <Deener.Kathleen@epa.gov>, "Corona, Elizabeth" <Corona.Elizabeth@epa.gov>, "Smith, Kelley" <Smith.Kelley@epa.gov>, "Hubbard, Carolyn" <Hubbard.Carolyn@epa.gov>, "Kim, Hyon" <Kim.Hyon@epa.gov>
Subject: ORD/OSA Weekly Report

Administrator,

ORD/OSA continues to be very active in supporting agency efforts including Zika response, Flint, Gold King, air toxics in Portland, and PFOA and pesticide toxicity and exposure evaluations.

Flint, Michigan

An ORD data analysis team is reviewing and analyzing the data being collected in Flint. We are working with R5 on the analysis of the chlorine sampling data. R5 plans to map the week-to-week chlorine levels using time-lapse animation, much like weather radar images. The EPA task force met with Bob Kaplan in Cincinnati on February 25 to discuss implementation of Task Force recommendations including roles and resources. The meeting also included a discussion with MDEQ on data and sampling coordination.

Sebring, Ohio

ORD is providing continued technical support for sampling in Sebring, OH. On February 19, the City collected sequential samples from eight locations as part of the effort to determine locations of lead pipes. Sample results will be shared with ORD.

Gold King Mine

Last week in Athens, we held a successful meeting with the peer review panel that evaluating ORD's analysis of the fate and transport of contaminants from the Gold King Mine release. The expert panel commended our scientists for their work and provided valuable insights that will be used to refine our analysis.

Healthy Heart Blog

ORD was happy to work with you and OPA on your EPA Connect Blog last week, "Cleaner Air Means Healthier Hearts," and to use the blog to bring attention to the important link between air pollution and heart disease and heart attacks.

Cleanup Support at Delatte Metals Superfund Site in Region 6

February 29-March 4, ORD will be at the site in Ponchatoula, LA, to conduct field studies investigating the impact on groundwater flow of an organic permeable reactive barrier installed to remediate groundwater contamination. ORD, working with R6 and the State of Louisiana, is conducting field research designed to provide performance verification and to further the

understanding of the long-term behavior of this technology. The Superfund site has lead contamination in the soil, sediment, surface water, and ground water from former onsite facilities that processed spent lead-acid batteries and smelted lead plates from the spent batteries.

Health Effects Institute Sponsors' Meeting

On March 3, ORD and OAR will represent EPA at the 2016 HEI Sponsors' Meeting in Boston. The Agency's presentation will (1) highlight key assessments completed in 2015 that were particularly important to EPA, (2) emphasize areas of key interest addressed in the HEI 2015-2020 Strategic Plan, and (3) provide an overview of recent EPA program and research activities. As a unique public-private partnership, HEI provides science that is timely, targeted, and useful to inform air quality programs.

Camp Minden

On February 22, Region 6 provided an update on Camp Minden. The burn chamber is in place along with the pollution prevention system. A Camp Minden Public Availability Session on February 25 explained test preparations, performance measures, and schedule. The first burn is tentatively scheduled for April 1.

China-MOST Researchers Working at ORD

Three visitors from Tsinghua University in Beijing, China arrived at EPA-RTP, NC on February 16 and will work with ORD for the next three weeks as part of ORD/China Ministry of Science & Technology (MOST) MOU agreement. EPA and Tsinghua University are collaborating on a project to develop methods to characterize motor vehicle emission rates on a large scale for use in developing and evaluating emission inventories from motor vehicles. These methods could vastly improve the understanding of local and global impacts of transportation on air quality and climate, and the effectiveness of mitigation strategies.

Publications

Regional Monitoring Networks

Next week ORD expects to release the final report, *Regional Monitoring Networks (RMNs) to Detect Changing Baselines in Freshwater Wadeable Streams*. The report is a best practices document that describes the technical details of selecting sampling sites to monitor the long-term water quality conditions of minimally disturbed, unregulated freshwater wadeable streams. The report is designed to help establish more consistent methods to collect biological and continuous thermal and hydrologic data. The report will assist states, tribes, and regions identify and analyze natural fluctuations in reference or baseline conditions.

Paper of the Year Award

A paper by Jack Harkema, Principal Investigator of the Great Lakes Air Center for Integrated Environmental Research at Michigan State University, has been selected as 'Paper of the Year' by the Society of Toxicology. The publication, "Ozone-induced Nasal Type 2 Immunity in Mice is Dependent on Innate Lymphoid Cells," was published in the American Journal of Respiratory Cell Molecular Biology. Understanding the potential contribution of commonly encountered air pollutants to the development or exacerbation of allergic and non-allergic rhinitis is important in the differential diagnosis, therapeutic management, and prevention of common upper respiratory diseases.